

20030408.qrp v02_n884.qrl.20030408

Date: Tue, 8 Apr 2003 19:03:14 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2884

QRP-L Digest 2884

Topics covered in this issue include:

- 1) [148695] Re:Re: Wish I'd listened (long)
by "KB9BVN" <brian@iquest.net>
- 2) [148696] Re: Wish I'd listened (long)
by Steve.Lawrence@ITWFEG.COM
- 3) [148697] receiving audio...
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 4) [148698] Lost QRP-L distance calculator link?
by Philip Karras <ke3fl@yahoo.com>
- 5) [148699] Small VW solar panel
by Michael Goins <mgoins@usa.net>
- 6) [148700] Using Slugs to generate electricity
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 7) [148701] Re: Wish I'd listened (long)
by Dave Marling <ve1vq@auracom.com>
- 8) [148702] Re: Wish I'd listened (long)
by David Hinerman <WD8CIV@worldnet.att.net>
- 9) [148703] Re: HIGH FREQUENCY ELECTRONICS
by "James Reid" <jreid4@earthlink.net>
- 10) [148704] Re: Wish I'd listened (long)
by "M. J. Powell" <mike@pickmere.demon.co.uk>
- 11) [148705] Audio filter for FT-7
by "hivolts" <hivolts@usintouch.com>
- 12) [148706] Components FS
by Brad Thompson <Brad.Thompson@valley.net>
- 13) [148707] Arkiecon Snapshots
by "David Bixler" <qrp@netins.net>
- 14) [148708] Shielded twin lead
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 15) [148709] Re: Wish I'd listened (long)
by Dave Fouchey <dafouchey@comcast.net>
- 16) [148710] Comments on SG-2020 or SG-2020 ADSP???
- by "James P. Rybak" <jrybak@mesastate.edu>
- 17) [148711] Re:Re: Wish I'd listened (long)
by Dave Fouchey <dafouchey@comcast.net>
- 18) [148712] Re: CCR Bill (HR 1478) Introduced Into Congress
by Jim Campbell <jim-c@charter.net>
- 19) [148713] 17M backpack frequency

- by Bob cutter <ki0g@yahoo.com>
- 20) [148714] Re: Wish I'd listened (long)
by "John O. Newell" <jnewell@attbi.com>
- 21) [148715] Re: Wish I'd listened (long)
by James R Giammanco <n5ib@juno.com>
- 22) [148716] Re:Re: Wish I'd listened (long)
by "Mike Yetsko" <myetsko@insydesw.com>
- 23) [148717] FS: OT Audio amps for VW Jetta
by "Ed Kessler" <aa3sj@arrl.net>
- 24) [148718] Re: equip for sale
by "Jerry Felts" <nr5a@rap.midco.net>
- 25) [148719] Arkiecon Oh-Three, super long
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 26) [148720] 40M rockmite kit [not built]
by "Steve/n0tu" <n0tu@codenet.net>
- 27) [148721] Re: Wish I'd listened (long)
by Brian Short <bshort4@cox.net>
- 28) [148722] Re: 17M backpack frequency
by "Tim, N9PUZ" <n9puz@arrl.net>
- 29) [148723] QRPp + QRSs ArkieCon Presentation
by "Don Jackson (AE5K)" <don@azark.com>
- 30) [148724] Re: Comments on SG-2020 or SG-2020 ADSP???
by Hank Kohl K8DD <k8dd@arrl.net>
- 31) [148725] Generator fuel
by Raymond Sills <raysills@1stconnect.com>
- 32) [148726] Re: Comments on SG-2020 or SG-2020 ADSP???
by "Charles Mabbott" <aa8vs@msn.com>
- 33) [148727] Re: WTB: Norcal Nor'Easter
by "misc" <misc@2mikeys.com>
- 34) [148728] HFElect. Data
by "W2WU" <w2wurjj@verizon.net>
- 35) [148729] Re: Wish I'd listened (long)
by "Lee Mairs" <lmairs@direcway.com>
- 36) [148730] Re: 40M rockmite kit [SOLD]
by "Steve/n0tu" <n0tu@codenet.net>
- 37) [148731] For sale SG 2020
by Jeff <fantbb@yahoo.com>
- 38) [148732] Re: Wish I'd listened (long)
by David Hinerman <WD8CIV@worldnet.att.net>
- 39) [148733] Fw: 17M backpack frequency
by "Jerry Ford" <benlightnd13@mchsi.com>
- 40) [148734] Alternative Energy
by Steven Weber <kd1jv@moose.ncia.net>
- 41) [148735] Re: Spartan Sprint Tonight!
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 42) [148736] FS: Epiphyte III, 40 M Binaural Rcvr
by mjfitz@uswest.net
- 43) [148737] Re: Small VW solar panel

by Bill Meara <n2cqr@clix.pt>
44) [148738] WTB: Norcal 49er
by "Alan Fryer" <N3BJ@hotmail.com>
45) [148739] Re: Components FS
by Edgar R Guillot <n5ed@juno.com>
46) [148740] OT: Old Call Book?
by "Thor, N9IK" <n9ik@thorlind.com>
47) [148741] Michigan QRP Net
by kwike@gdls.com
48) [148742] Re: Wish I'd listened (long)
by "M. J. Powell" <mike@pickmere.demon.co.uk>
49) [148743] Re: CCR Bill (HR 1478) Introduced Into Congress
by Jake Brodsky <frussle@erols.com>
50) [148744] Re: Old Call Book?
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
51) [148745] Re: Alternative Energy
by Steve.Lawrence@ITWFEG.COM
52) [148746] Re: Altturnative Energy
by "Lee Mairs" <lmairs@direcway.com>
53) [148747] Ten-Tec Argo V
by Ji m <ku4qw@yahoo.com>
54) [148748] Re: equip for sale
by Thom LaCosta <baltimoremd@baltimoremd.com>
55) [148749] Re: Alternative Energy
by "W8TIF - Karl" <kkanalz@gcecis.com>
56) [148750] Lobstercon 2003?
by W2AGN <w2agn@w2agn.net>
57) [148751] Re: Alternative Energy
by Jerry Lofstead <w3cde@bellsouth.net>
58) [148752] Re: FS: Epiphyte III, 40 M Binaural Rcvr
by mjfitz@uswest.net
59) [148753] Small satellite computer
by "Karl F. Larsen" <k5di@zianet.com>
60) [148754] RETURN of NEQRP SSB NET TONITE TUESDAY 7:30PMEDST 7.280Mhz +-5Khz
by "Ron Pfeiffer" <n1zsw@hotmail.com>
61) [148755] Re: Small satellite computer
by Brian Milesosky <n5zgt@swcp.com>
62) [148756] Re: Small satellite computer
by "KB9BVN" <brian@iquest.net>
63) [148757] Re: Small satellite computer
by Alex <kr1st@amsat.org>
64) [148758] Re: Small satellite computer
by David Hinerman <WD8CIV@worldnet.att.net>
65) [148759] Re: Wish I'd listened (long)
by Rob Matherly <w0jrm@arrl.net>
66) [148760] Re: Small satellite computer
by "Mike Yetsko" <myetsko@insydesw.com>
67) [148761] RE: FS-- Epiphyte III, Binaural Rcvr, Both SOLD!

by mjfitz@uswest.net
68) [148762] Surface Mount Pickings
by "Brad Hernlem" <alihernlem@hotmail.com>
69) [148763] Re: Lost QRP-L distance calculator link?
by "E. Roswell" <eroswell@monmouth.com>
70) [148764] Re: Small satellite computer
by "laura halliday" <marsgal42@hotmail.com>
71) [148765] Old Sams Photo Facts
by "Ron Polityka" <wb3aal@fast.net>

Date: Mon, 7 Apr 2003 14:35:22 -0400
From: "KB9BVN" <brian@iquest.net>
To: <w5kdj@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148695] Re:Re: Wish I'd listened (long)
Message-ID: <000901c2fd34\$7308d2c0\$4505020a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

We have to use a isolation transfer, by law, up here when we hook self owned power generation equipment to the mains.

----- Original Message -----

From: "Wayne_W5KDJ" <w5kdj@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, April 07, 2003 1:06 PM
Subject: Re:Re: Wish I'd listened (long)

> Why not get a 5-8kw generator and plug it into your house. I run my
> house off a 5kw gen. to a plug I installed at the power box. You can
> also plug the 240vac output of the gen. into your 240vac dryer plug and
> let the breaker box split the 120vac to the house. Be sure to throw
> the master breaker b4 plugging in the gen. You can run lights, a
microwave, fans, and heating system if you have gas heating. Been using
this for 15 years here in Houston.

>
>

> ----- "Mike Yetsko" <myetsko@insydesw.com> writes:

>

> > 3) Do they still make gas refrigerators? (Grin)

>

> Yes, but they can be hard to find.

>
> > 4) A sizeable 12 volt storage battery and a distribution system, and
> > equipment or adapters to run stuff from it. Maybe (if I can spare the
> > funds) a backup charging system (solar, or even a 12 volt generator) as
> well.
>
> Consider wind. When weather causes 'events', it also seems to limit
> the sun...
>
> > 5) A method of cooking that can be used indoors. My wife feels pretty
> > sheepish about insisting on a new electric range for Christmas. The old
> gas
> > unit would have been very helpful this week. I tried to get a tabletop
> > propane camp stove, but apparently so did everyone else.
>
> Be careful here. A LOT of the new gas stoves will not work without
> AC. My previous next door neighbor bought this beautiful gas stove,
> and when a hurricane knocked out power, it was useless.
>
> > 6) If (when) I buy another radio, it'll darned well run on AAs even if I
> > have to make a custom pack for it!
>
> Consider a 'generic' interface, like RJ connectors on coiled cords. Then
> you can make up AA or C or even D packs, depending on what you
> want or need at the time. Or even to battery clamps for an old
> car or motorcycle battery.
>
> Mike
>
>
>
>
>
>
> Wayne_W5KDJ
> NW Houston
> SV0WWW_TF2WJN
> ARCI_11325 * ARS_1392 * SOC_538
>
>

Date: Mon, 7 Apr 2003 14:47:39 -0400
From: Steve.Lawrence@ITWFEG.COM
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148696] Re: Wish I'd listened (long)

Message-ID: <0F2D7374B1.C098FB06-0N85256D01.0066D132-85256D01.00673D25@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

For a fascinating catalog of non-powered appliances, including gas refrigerators, composting toilets, kerosene lamps, wood-burning cook stoves, and more, check out:

<http://www.lehmans.com>

No interest..... just a satisfied customer.

73,
Steve
aa8af

Date: Mon, 7 Apr 2003 12:57:49 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [148697] receiving audio...
Message-ID: <Pine.LNX.4.33.0304071253001.25099-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There have been a few e-mails here having to do with those of us who don't have perfect hearing or the hearing we had when we were young...now we depend on hearing aids...there are times when I've been listening to a ham and have not understood what he was saying...intelligibility...

...I was going through old magazines today and came upon an MFJ 2001 Ham Catalog...one of the items discussed was their MFJ Speech Intelligibility Enhancer...it really sounds interesting...so I'm wondering if anyone "out there" has ever used one and would like to know their opinion based on their experiences...it's the MFJ-616...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 7 Apr 2003 12:16:29 -0700 (PDT)
From: Philip Karras <ke3fl@yahoo.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [148698] Lost QRP-L distance calculator link?
Message-ID: <20030407191629.64005.qmail@web40704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I seem to have been out of it for too long. I believe that QRP-L had a distance calculator up at:

<http://qrp.cc.nd.edu/QRP-L/listserv/calls2dist.html>

but now when I try it the connection is refused. Has it move someplace else?

Tnx & 72 & 73 de ke3fl
Phil K

Do you Yahoo!?
Yahoo! Tax Center - File online, calculators, forms, and more
<http://tax.yahoo.com>

Date: Mon, 07 Apr 2003 14:18:32 -0500
From: Michael Goins <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [148699] Small VW solar panel
Message-ID: <637HDgTsG7552S22.1049743112@uwdvg022.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I ran across a VW solar panel emant for the new VWs. It has a Max Power o=
f 3.2
W, a Max Voltage of 18.8 V, and a Max Current of 170 mA. =

Anyone using one of these portable or fixed to power a rig? =

mike

wb5yjx

QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810, Alaska QRP 514, =
QCWA
30857

Date: Mon, 07 Apr 2003 13:24:45 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: brian.buyden@usask.ca
Subject: [148700] Using Slugs to generate electricity
Message-ID: <Pine.OSF.4.53.0304071322430.255413@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

Speaking of alternative power sources there is a robot which catches slugs
and uses their decomposing bodies to generate electricity. I don't know
if it would have applications to QRP but here is the URL:

<http://home.golden.net/~dhobson/gardnews.html>

(See article entitled Robot vs. Slug).

Brian Buydens
Veterinary Electronic Data Specialist
Computing Services, University of Saskatchewan
email: Brian.Buydens@usask.ca
<http://duke.usask.ca/~buydens>
VE5RDV

I am a proud citizen of "Soviet Canuckistan"

Date: Mon, 07 Apr 2003 16:36:42 -0300
From: Dave Marling <ve1vq@auracom.com>
To: WD8CIV@worldnet.att.net,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148701] Re: Wish I'd listened (long)
Message-ID: <5.2.0.9.0.20030407161731.01cf36c0@mail.auracom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:30 AM 07/04/2003 -0400, David Hinerman wrote:

>Folks,

>

>I wish I'd listened to you guys with the backup power systems. We had an
>ice storm last Thursday and Friday, and power has been off since then. The
>local power company says it may be a week before everyone is back online.

Dave,

Some years back I bought a generator and installed the necessary transfer switch and sub-panel and connector on the side of the house. My xyl grumbles when I bring it out periodically and start it up. However, each time there has been a power failure there is a distinct lack of said grumbling. The most recent use was when the power transformer failed and blew the breaker/fuse on the pole. The storm before that had the power out for 48 hours.

The sub-panel has the most needed circuits - water pump, furnace, freezer, fridge, propane water heater, propane stove, various lights, satellite tv, etc. The propane devices here require 120vac before they will start.

The generator is a small diesel which will run with furnace oil. I hate buying diesel at the gas station and paying all the highway tax.

I've noticed in the last couple of years that I hear a lot more generators in the rural neighborhood in which I live when I shut mine down for refueling.

73,

Dave

VE1VQ/VA6NS

Date: Mon, 07 Apr 2003 15:40:35 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [148702] Re: Wish I'd listened (long)
Message-ID: <5.1.1.6.1.20030407153650.00a71790@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>The generator is a small diesel which will run with furnace oil. I hate
>buying diesel at the gas station and paying all the highway tax.

Dave,

That's an interesting point. It's not like the generator is tearing up the
asphalt. (grin)

I remember some years ago seeing an industrial surplus catalog that sold
used generators from refrigerated boxcars. I believe they were 20 kW units
- I could just about power my whole street from something like that. (It's
a short street.) But it used diesel fuel, and was a lot bigger than I have
room for.

Thanks for the tip.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 7 Apr 2003 15:54:07 -0400
From: "James Reid" <jreid4@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [148703] Re: HIGH FREQUENCY ELECTRONICS
Message-ID: <000301c2fd3f\$75a96d40\$f350f7a5@net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try www.highfrequencyelectronics.com

Date: Mon, 7 Apr 2003 19:35:52 +0100
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: lmairs@direcway.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [148704] Re: Wish I'd listened (long)
Message-ID: <+IfIZIBIUck+EwnI@pickmere.demon.co.uk>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

In message <089a01c2fd23\$2ea149c0\$3b6d020a@boomer>, Lee Mairs
<lmairs@direcway.com> writes
>Couple of comments here. I can get a small propane refrigerator for about
>\$800. Expensive ? Yes, but about the only thing that will do the job off
>grid. You can spend up to \$3000 for a low wattage, hi efficiency DC powered
>reefer, but I don't think they are as economically efficient as the propane
>jobs.

A friend has a gas/12v DC refrigerator in his canal boat. I don't think
it cost as much as 550 GBP too.

Mike
--
M.J.Powell

Date: Mon, 7 Apr 2003 13:39:00 -0700
From: "hivolts" <hivolts@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148705] Audio filter for FT-7
Message-ID: <00b101c2fd45\$b8dc6ee0\$a2811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Guys,I am looking for this article that came out in the April issue of QQ
1992, If anyone has it, I will cover the costs. Thanks John KF70M

Date: Mon, 07 Apr 2003 16:43:33 -0400
From: Brad Thompson <Brad.Thompson@valley.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148706] Components FS
Message-ID: <5.0.2.1.2.20030407163656.00ac1010@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

I'm offering assorted NOS components to builders, including MMICs and other

semiconductors, 15-pole 455 KHz ceramic filters, SMT RF chokes, and much more, with no minimum- (or maximum) order limit. You can purchase via credit card, check, or money order, and postage is reasonable (except on heavy items, alas).

Please e-mail me for a copy of my current FS list.

Thanks, and 73--
Brad AA1IP

Brad Thompson, Bookseller
P.O. Box 307
202 Whitaker Rd.
Meriden, NH 03770-0307
Voice: (603) 469-3351
Fax: on request
E-mail: brad.thompson@valley.net

Date: Mon, 7 Apr 2003 16:36:16 -0500
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [148707] Arkiecon Snapshots
Message-ID: <000001c2fd4d\$b92edb00\$240520cf@XPComputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Hi Gang:

Well, as several others have reported, Arkiecon 2003 was an outstanding success! Thanks to the hard work of W5JAY and the whole Ft. Smith crew, we had a very fun weekend of QRP fun.

There is a photo report on the web at:

http://w0ch.com/arkiecon2003/arkiecon_2003.htm

Also, for the many folks who asked about the Four State QRP Group's web site, the URL is in the signature below.

72, Dave

David Bixler W0CH
Seneca, Missouri
W0CH QRP Web Site: <http://w0ch.com>

Four State QRP Group: <http://w0ch.com/fsqrp>

QRP: Little Radios, Big Fun!=20

Date: Mon, 7 Apr 2003 17:02:22 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <hottell@gulftel.com>, <qrp-1@Lehigh.EDU>
Subject: [148708] Shielded twin lead
Message-ID: <00a001c2fd51\$5da13720\$4e100a0a@rohredt2000>

Dave,
I think the shield affects the Vp, thus the 0.66 you measure is similar to coax, another shielded line.

There is the possibility that this old line has had migration of the plastics materials and hydroscopic action has introduced water molecules to the make up of the insulation, raising losses. As you state, it is likely that the line has also had water wick up the stranded or solid conductors between them and the plastic as the plastic ages and shrinks away from the wire. You could try baking it in a very low oven, (120 degree F), or put it in the back window of a car for some hot days, if Spring is warm there.

We did that with some water damaged hard line, and it dried out and reduced losses.

Over time, it is possible that various contaminants from atmosphere has penetrated the plastic and added conductive character to it at the higher frequencies. Small particles of carbon if the twin lead was used up by a chimney mounted TV antenna for example.

You dry it well and test again, and see if it is only water problems.

GL and 72,

Stuart K5KVH (Many plastics have hydroscopic binders, such as magnetic tapes, and water can actually modify the bonds of the plastic molecules. Baking can reverse this for 30 days, but the plastic may have lost its volatile components and will just take up water vapor from the air over time.) We bake old science tapes for 24 hours at no more than 125 degrees F, and then let them cool down for 48 hours to stabilize.

Oh, you asked about the shield. In the old days, it was tied to the earth rod, and not to either side of the balanced TV feed. Sometimes the balun in the TV had a center tap to earth, so indirectly the shield was tied to the line, but its main purpose was to afford a kind of Faraday cage and restrict pickup of vertically polarized AC and other electrical noises of the urban environment up to the antenna.

But, as you note, it does affect the feeder. Hopefully, the symmetry of the shield affects each balanced line conductor the same, thus balance is maintained. Certainly there is capacitance loss depending on the length of line and operating frequency.
72,

Stuart K5KVH

Date: Mon, 07 Apr 2003 18:03:00 -0400
From: Dave Fouchey <dafouchey@comcast.net>
To: WD8CIV@worldnet.att.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [148709] Re: Wish I'd listened (long)
Message-ID: <5.2.1.1.2.20030407180033.02c112e0@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

At 11:30 AM 4/7/03 -0400, David Hinerman wrote:

>3) Do they still make gas refrigerators? (Grin)

Check a motor home/camper supply house.

5) A method of cooking that can be used indoors. My wife feels pretty sheepish about insisting on a new electric range for Christmas. The old gas unit would have been very helpful this week. I tried to get a tabletop propane camp stove, but apparently so did everyone else.

>6) If (when) I buy another radio, it'll darned well run on AAs even if I
>have to make a custom pack for it!

>

>Dave

>-----

>Dave Hinerman

>WD8CIV@worldnet.att.net

Dave I know what you mean, we got lucky never lost power, just north west of me not so much, 200K people still without it.

Dave

WA4EMR

Sterling Heights, MI

Date: Mon, 7 Apr 2003 16:08:37 -0600 (MDT)
From: "James P. Rybak" <jrybak@mesastate.edu>
To: qrp-1@lehigh.edu
Subject: [148710] Comments on SG-2020 or SG-2020 ADSP???
Message-ID: <Pine.LNX.4.21.0304071606150.11705-100000@mesastate.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If anyone is familiar with either of the SCG QRP xcvrs (SG-2020 or the SG-2020 ADSP), I'd like to hear your comments.

Thanks.

Jim Rybak W0KSD

Date: Mon, 07 Apr 2003 18:13:07 -0400
From: Dave Fouchey <dafouchey@comcast.net>
To: myetsko@insydesw.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148711] Re:Re: Wish I'd listened (long)
Message-ID: <5.2.1.1.2.20030407180820.009ffb60@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

Generac makes a nice unit for home owners complete with automatic transfer switch. They are reasonably priced and can run off of LP or Natural Gas. Nice thing is they are serviced nationwide by Caterpillar. I equipped several mountain top microwave sites with them and have had nary a problem out of them in 8 years of service. I belive Home Depot now carries them as well.

Dave
WA4EMR
Sterling Heights, MI

At 01:34 PM 4/7/03 -0400, Mike Yetsko wrote:
> > Why not get a 5-8kw generator and plug it into your house. I run my
> > house off a 5kw gen. to a plug I installed at the power box. You can

> > also plug the 240vac output of the gen. into your 240vac dryer plug and
> > let the breaker box split the 120vac to the house. Be sure to throw
> > the master breaker b4 plugging in the gen. You can run lights, a
> > microwave, fans, and heating system if you have gas heating. Been
> > using this for 15 years here in Houston.
>
>Actually, that's the way I would do it, IF I could. And I know a number
>a people who do that.
>
>But be aware, that kind of connection is illegal. If there were an
>accident,
>there could be BIG penalties involved.
>
>But, like I said, that's the way I'd do it, IF I could. Whole house is
>the
>way to go, NOT individual circuit changeover. Just keep what you want
>to use reasonable.
>
>In my case, my house actually draws about 200amps at 240v from the
>pole. I have what's called 'demand side servicing', which means I have
>an 'interface' to the power company, not just a drop. I pay for my power
>at different rates depending mostly on time of day, but I can get power
>at other times cheap too. Usually, most bills end up costing me more
>for the 200 or so kwh I buy during high rates usually cost more than
>the couple of THOUSANDS of kwh I draw at off-peak times to charge
>up my storage units.
>
>My computer down in the basement is smart enough to 'stagger' my
>turnons so I don't spike the whole neighborhood, but I don't think it can
>be set up to only turn on one unit at a time.
>
>But don't think I've not thought about it!
>
>Mike

Date: Mon, 07 Apr 2003 18:44:25 -0400
From: Jim Campbell <jim-c@charter.net>
To: correallaw@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [148712] Re: CCR Bill (HR 1478) Introduced Into Congress
Message-ID: <3E91FF49.6050601@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Rene and others,

I agree completely with the suggestion to write to your congressperson about this. Last year I did so and my congressman responded by signing on as a co-sponsor of the bill. I have moved to a new state since then, but I have already e-mailed my congressman. That was Friday night, and I haven't received a reply yet.

However, I believe that a letter that you compose will carry more weight than simply forwarding a form letter. Use the form letter as a template, but paraphrase it and change things to personalize it. I never even looked at the form letter. I just said in my own words how CC&Rs are affecting me and my ability to conduct emergency operation,

72,

Jim
W4BQP

Rene Correa wrote:

> Those of us afflicted with CCR's have another opportunity to try to
> change things through the political process. This weekend, it took me less
> than five minutes to access the following website:
>
> <http://www//arrrl.org/govrelations/hr1478/>
>
> find my congressman's e-mail address, copy and paste the suggested form
> letter, and e-mail it to my congressman. About a minute later, I received a
> canned response indicating he would be responding my snail mail.
>
> Although there are no guarantees of success, some good groundwork has
> been laid for us, IMHO. Those of us interested in this issue can now follow
> up by participating in "the system" with a minimum of effort.
>
> 72/73
> Rene, K5JX
>
>
>
>

Date: Mon, 7 Apr 2003 15:57:07 -0700 (PDT)

From: Bob cutter <ki0g@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [148713] 17M backpack frequency
Message-ID: <20030407225707.60183.qmail@web40701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

What is the suggested 17M SSB backpack frequency?

72, Bob KI0G

Do you Yahoo!?
Yahoo! Tax Center - File online, calculators, forms, and more
<http://tax.yahoo.com>

Date: Mon, 07 Apr 2003 19:16:47 -0400
From: "John O. Newell" <jnewell@attbi.com>
To: w5kdj@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [148714] Re: Wish I'd listened (long)
Message-ID: <3E9206DF.CB275FD6@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Why not get a 5-8kw generator and plug it into your house. I run my
> house off a 5kw gen. to a plug I installed at the power box.

I went with a 3.5kW unit. It will not power the whole house, so there's no illusion about carrying on as usual, but it is enough to keep the heat and hot water going, as well as the fridge and freezer, the microwave and some domestic lights. Disadvantages include having to be somewhat intelligent about what the start-up load on the devices with electric motors. However, it is thriftier with gas (a big consideration if the gas pumps are all dead due to the power loss) and it is moveable by a single able-bodied adult male, even into the rear of a vehicle if necessary. Can't do that with a 5kW generator (at least, I can't).

I wired in a GenTran cutout. It's manual, but it's also code and it's safe. Gasoline storage is an issue for generators, unless you go propane (and have big tanks). You should also think about oil and other maintenance

items...would rather have a spare plug or fuel filter or circuit breaker and not need it than the other way around.

YMMV of course.

72/73

John Newell

KB1FPM

Date: Mon, 07 Apr 2003 16:20:24 PDT
From: James R Giammanco <n5ib@juno.com>
To: qrp-l@Lehigh.edu
Subject: [148715] Re: Wish I'd listened (long)
Message-ID: <20030407.171109.4631.1.n5ib@juno.com>

>Why not get a 5-8kw generator and plug it into your house.You can
>also plug the 240vac output of the gen. into your 240vac dryer plug
>and let the breaker box split the 120vac to the house. Be sure to throw
>the master breaker b4 plugging in the gen.

There are plenty of guys (hey, me included - an EE with two degrees) who earnestly believe they are smart and careful enough to do this "safely."

PLEASE, PLEASE DON'T ! A momentary slip up can end up back powering a line where crews are working. Have a heart and think about these gentlemen and ladies who go out there in any and all conditions to repair the havoc nature wreaks.

If you're chapped that your power's off, and you're not feeling that charitable..... well, can you spell "negligent homicide?" And you'd best hope that a jury of your peers doesn't include the spouse, friend, or offspring of a lineman.

Bite the bullet, spend the bucks, and get a properly installed, according to code, transfer switch. It does not permit the inadvertent energizing of the line side of your residential service. Any reputable electrical contractor can advise you. And when you bring out some cups of coffee to say thanks to the line crew working in your neighborhood, you'll be able to look 'em in the eye.

72

Jim N5IB

in hurricane country

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Mon, 7 Apr 2003 19:20:45 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Tim, N9PUZ" <n9puz@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [148716] Re:Re: Wish I'd listened (long)
Message-ID: <000d01c2fd5c\$52ebd140\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I have to ask -- what is it you do that takes all this power?
>
> Tim, N9PUZ

I have what's called "Demand Side Servicing". A total electric house,
with electric heat, hot water, dryer, etc.

My heaters look like bookcases. They are filled with ceramic material
bricks with air passages. At 'off peak' times, my home controller
'charges up' the heaters. The thermostats throughout the house do
NOT turn heaters on and off. They control low-current 220v fans
that blow air through the bricks when the thermostats call for heat.

What's nice is that in the summer, I still get the 'time' rates, which
means I can run my A/C in the house over night or all weekend
in the summer at full blast for pennies...

Mike

Date: Mon, 7 Apr 2003 19:25:30 -0400
From: "Ed Kessler" <aa3sj@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [148717] FS: OT Audio amps for VW Jetta
Message-ID: <3E91D0AA.3516.12E3B8@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Content-description: Mail message body

Good Evening,

Please pardon the off topic post.

I have two working audio amplifier boards that were removed from a VW Jetta while a new audio system was installed.

I have no idea what these are worth and I hate to strip them for parts. Could anybody use them? Make me a reasonable offer and they're yours.

73

Ed AA3SJ

Date: Mon, 7 Apr 2003 17:32:36 -0600
From: "Jerry Felts" <nr5a@rap.midco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148718] Re: equip for sale
Message-ID: <007a01c2fd5d\$f8d06cf0\$3865dc18@jerryhc0zfej19d>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Geez, sounds like its bad everywhere. My company had 4 layoffs year before last. I used to be a Maint Tech, but got bumped to to production worker and a pay cut. It looked like things were finially getting better then about 2 months ago it started getting slower and slower again. I'm averaging getting sent home 2 and sometimes 3 days a week, and thats without pay of course. In fact got sent home at noon today. Be thankful guys for what you do have, don't think I'll be crying about it anymore....Oh, glad I got a K2 when I did too.

Jerry - NR5A

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, April 06, 2003 9:04 PM
Subject: Re: equip for sale

> > Me too.

> >

> > Sony closed my disc replication facility on Wednesday, effective

> > immediately. Truly we didn't expect it, even in the slightest.
> >
> > I'm lucky in that they're keeping me around for a few months to shut the
> > place down, and I can work while I'm looking for a new job.
> >
> > But it totally sucks - I finally found a job I really liked, and after
> > four years, it vanishes.
> >
> > Scott Rosenfeld ARS N7JI
>
> Bummer...
>
> I've been out of work since Jan 2 of LAST year. The job market is
> the pits. I had money put back for a ski vacation for the kids. We
> were going to go to Chile and ski the Andes for about 5 or 6 weeks
> this August, but that money ran out last October. Been trying to get
> a new business going, but when you take in only about \$12K since
> last summer so far, and you have a \$1200/mo mortgage payment
> (and a COBRA payment that is within 10% of that...) the savings
> get depleted pretty darn fast.
>
> I would have LOVED to buy some more HAM toys, but they've
> been on hold for some time now.
>
> I'm just glad I got the K2 when I did!
>
> Good Luck! Hopefully the bottom is right around the corner!
>
> Mike
>
>

Date: Mon, 7 Apr 2003 19:04:53 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148719] Arkiecon Oh-Three, super long
Message-ID: <006a01c2fd73\$3f620510\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The trip up was pleasant enough, except that band conditions on 30 and 20

didn't support my idea of doing lots of CW mobile through the construction areas. Arrived in plenty of time to meet old friends like Chuck (W5USJ) and George (W5YR), who were proudly displaying their fox team champs badges.

Everybody knows by now that you get there early for the 6:30 dinner to get a seat, so at 5:30 we were all off like someone had fired a starting gun. The dinner was excellent as usual. I did hear a small cry of distress out of my credit card as it slid through the reader, but what the heck, Arkiecon comes but once a year. Back at the hotel, we crowded into the breakfast room for a preview of the building contest, with some great examples of the homebrew art on display. I discretely left my junk in the room, consoling myself with the thought that Hayward builds ugly too.

After a bit, Doug, Chuck, Derek (allegedly Jay's son, but a foot taller than last year), & I dragged out our noisemakers and proceeded to QRM the room for a while. Actually, Chuck had provided some chord sheets for a few dulcimer tunes that went OK. But things kinda fell apart after that. I'm sure that any musically sophisticated persons in attendance suffered some emotional trauma before we finally called it quits. Remembering last year, I consumed one less beer and retired one hour earlier this time. Didn't want to get late for the flea market.

The buzz at the flea market was again Billy, K0CIY and his dollar bags of great parts. I had to throw some pretty vicious elbows to keep Duffy, Cecil and Jerry (W0PWE) at bay while I pawed through the good stuff. Actually though, there was plenty to go around and I made several return trips throughout the day.

The forums were up to previous standards, meaning excellent. I'm just slightly bummed that the one forum I skipped (QRSs) turned out to be the one Jay called the most technical, since I do favor the technical forums.

It's fun to imagine myself mixing it up with the country's top QRP designers, but as the banjo player? Not exactly what I'd pictured, but I'll have to take it. I wasn't positive I was supposed to have that role until 10 minutes before starting time, but that gave me plenty of time to panic. Heart pounding, fingers numb and sweating, strings blurry. And we hadn't rehearsed. You shade tree players know that it's just as important for a vocalist to be able to stay on the beat as it is for an instrumentalist. Fortunately, Dave was up to the task and I didn't faint, break a string, or fling a thumbpick into the audience. Whew! Dave's presentation got me yearning for LobsterCon, a DSW-II, and a clean workbench.

Tom Schiller's Team Vertical presentation was valuable both for entertainment and for its technical content. Who'd have thought that vertical arrays would out perform yagis for DX? The only catch is, you need an ocean to place next to your verticals. I think presentations by top testers are an eye-opener for those who think it's about money only. It's

about money, planning, testing, analysis, intelligence, hard work, perseverance, operating skill, blind obsession, and yes, money.

I was wondering what to expect from Jim Cates' talk, since he's not really a big talker in one on one conversations. Turns out sly humor is his forte. Jim has a self-effacing style, poking fun at his own misadventures in ham radio to everyone's delight. Now I don't believe for a minute that Jim doesn't understand electronics, but I think we were all able to see some of ourselves in his exploits and reaction to things that didn't work. Jim's QRP collection is serious business, though. Many of us saw some rare equipment "live" for the very first time in the sampling he displayed at Arkiecon.

Never one to pass up free food, I had to stay into the evening a bit. The BBQ was great, but the building contest was the highlight. Some really pretty rigs and accessories, plus two nicely done small "magnetic" loops of copper tubing. I thought Jerry Hall's (WOPWE) "homeland security" rig in olive drab Altoids tins was a nice original touch.

At this point I wasn't sure what to do next, but when I heard Doug and scattered other Kansas rabble let out with some sort of cockeyed Jayhawk cheer, I knew it was time to head for home.

I've mentioned a number of QRP "celebrities", but it was really nice to have a number of rank and file QRPers (like myself) come up to me and introduce themselves and talk radio a bit. That's what Arkiecon is all about. See y' all next time.

72-Nick, WA5BDU

Date: Mon, 7 Apr 2003 18:31:20 -0600
From: "Steve/n0tu" <n0tu@codenet.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [148720] 40M rockmite kit [not built]
Message-ID: <001d01c2fd66\$2e971520\$6a211d82@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

FS: 40M rockmite kit [unbuilt] \$27

PayPal or Check Tks - Steve/n0tu

Date: Mon, 7 Apr 2003 19:31:37 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [148721] Re: Wish I'd listened (long)
Message-ID: <13D3616F-6951-11D7-A033-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v551)
Content-Transfer-Encoding: 7bit

I subscribe to "Mother Earth News" which is loaded
with ads for similar products from various suppliers.

They also publish numerous books on related subjects.

What I personally have is a generator (Generac) and a
modest solar panel with 12v battery and a 1kw inverter.
The generator is far too noisy and the small solar panel
is inadequate for all of my needs.

I'm ready to move out of the city, but circumstances make
it look like about another 5 years.

Frustrated in Suburbia...

On Monday, April 7, 2003, at 02:47 PM, Steve.Lawrence@ITWFEG.COM wrote:

> For a fascinating catalog of non-powered appliances, including gas
> refrigerators, composting toilets, kerosene lamps, wood-burning cook
> stoves, and more, check out:

>
> <http://www.lehmans.com>

>
--

See my web page: <http://www.k7on.com>

Date: Mon, 7 Apr 2003 19:34:43 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [148722] Re: 17M backpack frequency
Message-ID: <200304080122.UAA25938@steel.eosinc.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

On Mon, 07 Apr 2003 15:57:07 -0700 (PDT), Bob cutter wrote:
>What is the suggested 17M SSB backpack frequency?

18.1575 MHz USB is the HFpack SSB frequency for 17 Meters.

A frequency list for HFpack is at www.hfpack.com

Tim, N9PUZ

Date: Mon, 07 Apr 2003 19:43:56 -0500
From: "Don Jackson (AE5K)" <don@azark.com>
To: qrp-1@Lehigh.EDU
Cc: fsqrp@w0ch.com
Subject: [148723] QRPp + QRSs ArkieCon Presentation
Message-ID: <3E91D4FC.10615.2794DBE@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

As promised at ArkieCon last Saturday, I have put a copy of my presentation on QRPp/QRSs on my web page. Both the PowerPoint file and converted HTML file is available for viewing or use. The HTML version is viewable with your web browser. If you have a fast internet connection, you may wish to download the 8+ MB PPT file and use PowerPoint or the free PowerPoint Viewer.

The URL is: <http://ae5k.us/qrpp>

If anyone is interesting in participating in some further HF band tests with very low power using QRSs and other weak signal modes, please make your interests known. There is an email reflector devoted to this, and beacon stations like AA4XX, ON5EX, W0CH, etc will most likely get on again if there is interest.

Reported in the presentation, AA4XX and W0CH made a 2-way contact on 30 meters a year ago using 50 microwatts (yes, micro!) but failed on an attempt with power under 1 microwatt (nanowatt region). The 50 microwatt contact yields something like 17,840,000 miles per watt!!!

71/72/73,
Don AE5K

Date: Mon, 07 Apr 2003 20:44:08 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: <qrp-l@lehigh.edu>
Cc: "James P. Rybak" <jrybak@mesastate.edu>
Subject: [148724] Re: Comments on SG-2020 or SG-2020 ADSP???
Message-ID: <5.1.0.14.2.20030407203347.032b6750@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 4/7/2003 04:08 PM -0600, you wrote:

>If anyone is familiar with either of the SCG QRP xcvrs (SG-2020 or the
>SG-2020 ADSP), I'd like to hear your comments.
>
>Thanks.
>
>Jim Rybak W0KSD

Ergonomically it is a really cool little, mechanically rock solid, radio.
On SSB it is absolutely great. The ADSP reduces noise and takes out
carriers. And that is about as far as it goes. If you like a solid radio,
that sounds like a 100 watt radio on SSB, it's a winner. The ADSP is a
great addition to the 2020.

However if you want to use it on CW , that's another story. The front end
is wide and even though you cut down the bandwidth with the variable audio
filter, the radio gets hammered by close signals within a kHz or two. You
can reduce the RF gain and bring up the AF gain to overcome some of this,
but it (in my humble opinion) is not an option for a serious CW operator -
or any CW operator.

It is a great SSB radio, but not a CW radio. But collect other comments
and if you get a chance to use one on good antennas on a busy weekend -
that's the best test of all!

73 Hank K8DD

Date: Mon, 7 Apr 2003 21:00:12 -0400
From: Raymond Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>

Subject: [148725] Generator fuel
Message-ID: <73E53974-695D-11D7-8DAF-003065EAB9EC@1stconnect.com>
Mime-Version: 1.0 (Apple Message framework v551)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Hi Gang:

If you have a AC power generator that runs on conventional fuels.. gas or diesel, and you have a proper storage tank, you can usually contract with a fuel supplier to deliver the fuel to you without the road tax as part of the price. I once worked for a radio station that had a gasoline power emergency power generator, and they would have a fuel guys deliver directly to the site. There was a form to complete to certify that the fuel was for non-road use. Farmers do this, too.

73 de Ray
K2ULR
FN20t1

Date: Mon, 07 Apr 2003 21:04:42 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: jrybak@mesastate.edu
Cc: qrp-1@Lehigh.EDU
Subject: [148726] Re: Comments on SG-2020 or SG-2020 ADSP???
Message-ID: <BAY4-F8IqW8Iqji8ThF00026b7d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Jim,

I have the SG 2020 and used it for several years and when I recieved a 00 report I checked with SGC and they did find a condition that could cause the radio to generate the problem referred to. At this point in time I discussed how to deal with it and since the warrenty had expired I decided to go with the ASDP upgrade. So how do I rate the rig:

Taken it on both business and pleasure trips and found it easy to set up, can be ran from power supply or battery and sets up quickly. I have worked some Field Days from battery and had a ball using a solar cell to keep battery topped off.

Contacts I have found that a lot of folks on 75 SSB are frankly supriised to find how little power I am running and they hear me decently. There are two inputs, straight key or an input for paddles and you can use the radio's

keyer.

Very easy to use while mobile, frequency is very easy to read while driving.

Takes a little practice, but the two button functions can be done with a single hand. If you happen to make a mistake and plug straight into keyer plug the readout will freeze. It will stay that way until you plug key into correct plug.

Pass Band tuning is handy for separation of signals in both SSB and CW mode. In CW mode I can cut the sig width down to 100 Hz there is a little volume lost but not to bad. Generally I will run around 200/ 300 unless there is a lot of noise.

I have made contacts in car in SSB and CW mode and found the rig very easy to use and with the SGC 239 tuner I don't change antennas [hamsticks] to often. In the AM I am using 75 M hamstick and it lets me do 80/75/40. In the afternoon I use the 20 M hamstick and it lets me do the 40/30/20/17 meter bands.

Since I had the ADSP option I will admit I am a little disappointed. Not in the rig, but the type of noise I have. The ADSP function does not eliminate noises that are varying in tone. It will lock on to a signal and very quickly subtract it. But it takes time [1/2] second or so. But if the signal frequency is varying it will not remove it because it cannot lock on.

If a CW signal is really faint it may sometimes disappear in the noise floor when the ADSP is activated. Other than those little items I am actually very satisfied with the rig. In those cases I will shut the ADSP off and try and work them. But the real question is would I do it over again. To be objective about it, I probably would. What few short comings are outweighed by the pluses.

While there are some things it does not do as well as the K2 for example or the FT 817. That is no matter, I get a rig ready to go [out of box] that does 160 to 10 meters, has USB, LSB, and CW right out of the box.

It does not have UHF or VHF but that is not an issue with me and I do not miss or expect it. If I need a little more power I can crank it up to 25 / 30 watts if needed.

Finally the last question, you might ask. Would I buy it again. Absolutely without question. Would I get the ADSP option again, possibly not. I have it off more than on, but every now and then it is handy.

73 oo

Chuck AA8VS

"Whoever said the pen is mightier than the

sword obviously never encountered automatic weapons."

<http://68.43.100.7:81/aa8vs>

>From: "James P. Rybak" <jrybak@mesastate.edu>
>Reply-To: jrybak@mesastate.edu
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Comments on SG-2020 or SG-2020 ADSP???
>Date: Mon, 7 Apr 2003 16:08:37 -0600 (MDT)
>
>
>If anyone is familiar with either of the SCG QRP xcvrs (SG-2020 or the
>SG-2020 ADSP), I'd like to hear your comments.
>
>Thanks.
>
>Jim Rybak W0KSD
>

MSN 8 with e-mail virus protection service: 2 months FREE★
<http://join.msn.com/?page=features/virus>

Date: Mon, 7 Apr 2003 17:15:44 -0800
From: "misc" <misc@2mikeys.com>
To: <qrp-1@Lehigh.EDU>
Subject: [148727] Re: WTB: Norcal Nor'Easter
Message-ID: <00c001c2fd6c\$6d05b0e0\$6901a8c0@alaskacleanseas.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks all !

I've received numerous replies with kits for sale. I expect to answer each of you shortly. One fellow may have had the firmware reprogrammed by Steve Weber and, if so, that's the kit I'd prefer to buy. I hope to finish this off tomorrow.

Thanks again to all and 73,

Mike
KC6SEG

Date: Mon, 7 Apr 2003 21:20:06 -0700
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148728] HFElect. Data
Message-ID: <000501c2fd86\$415db360\$2ef9998d@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who responded with needed data. 73, Ron, W2WU

Date: Mon, 7 Apr 2003 21:31:24 -0400
From: "Lee Mairs" <lmairs@direcway.com>
To: <mike@pickmere.demon.co.uk>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148729] Re: Wish I'd listened (long)
Message-ID: <099c01c2fd6e\$9608bc60\$3b6d020a@boomer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The difference between me and your friend is "canal boat". He runs the engine most of the time and is able to get a good charge on his battery bank to sustain the DC refrigeration over night. Sail boaters and folks living off the grid don't have the requirement to run an engine and therefore get some "free" charging as a joint product of moving down the river.

73 de Lee
KM4YY/8
Best and Final
PP 40 #28

----- Original Message -----
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, April 07, 2003 2:35 PM

Subject: Re: Wish I'd listened (long)

> In message <089a01c2fd23\$2ea149c0\$3b6d020a@boomer>, Lee Mairs
> <lmairs@direcway.com> writes
> >Couple of comments here. I can get a small propane refrigerator for
about
> >\$800. Expensive ? Yes, but about the only thing that will do the job off
> >grid. You can spend up to \$3000 for a low wattage, hi efficiency DC
powered
> >reefer, but I don't think they are as economically efficient as the
propane
> >jobs.
>
> A friend has a gas/12v DC refrigerator in his canal boat. I don't think
> it cost as much as 550 GBP too.
>
> Mike
> --
> M.J.Powell
>
>

Date: Mon, 7 Apr 2003 19:35:03 -0600
From: "Steve/n0tu" <n0tu@codenet.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [148730] Re: 40M rockmite kit [SOLD]
Message-ID: <007b01c2fd6f\$5167f5c0\$6a211d82@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gone!

----- Original Message -----

From: "Steve/n0tu" <n0tu@codenet.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, April 07, 2003 6:31 PM
Subject: 40M rockmite kit [not built]

> FS: 40M rockmite kit [unbuilt] \$27
>
> PayPal or Check Tks - Steve/n0tu
>

>
>
>
>

Date: Mon, 7 Apr 2003 19:11:28 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [148731] For sale SG 2020
Message-ID: <20030408021128.65255.qmail@web20405.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have a SG 2020 for sale for \$500. It has ADSP also. Great little radio. It puts out any where from 1 to 20 watts. Real portable and build like a tank. Been used with great results on Field Day and racked up a lot of CW contacts. Also been used quite a bit with PSK31 with really good results also. Even has a function to tell you what the battery voltage is! All in all a great portable rig!

73!

Jeff

=====
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798, Fanatic A's fan #1

Date: Mon, 07 Apr 2003 22:14:02 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [148732] Re: Wish I'd listened (long)
Message-ID: <5.1.1.6.1.20030407220925.00b25c30@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:20 PM 4/7/2003 -0700, you wrote:

> >Why not get a 5-8kw generator and plug it into your house.You can
> >also plug the 240vac output of the gen. into your 240vac dryer plug
> >and let the breaker box split the 120vac to the house. Be sure to throw
> >the master breaker b4 plugging in the gen.

>
>There are plenty of guys (hey, me included - an EE with two degrees) who
>earnestly believe they are smart and careful enough to do this "safely."
>
>PLEASE, PLEASE DON'T ! A momentary slip up can end up back powering a
>line where crews are working. Have a heart and think about these
>gentlemen and ladies who go out there in any and all conditions to repair
>the havoc nature wreaks.

Jim,

You don't have to tell me twice! Rochester Gas & Electric had crews out all weekend - and still do, not everyone's back up yet - cleaning up after Mother Nature's tantrum. I've known a lot of guys personally that worked the lines, and a couple who ran afoul of energized lines.

Heck, I felt bad enough about calling home when the phone guy was working on our line and zapping him with ring voltage.

Dave

Dave Hinerman
WD8CIV@att.net

Date: Mon, 7 Apr 2003 23:47:41 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [148733] Fw: 17M backpack frequency
Message-ID: <000901c2fd89\$fda08ea0\$f374da0c@mchsi.com>

Bob: 18157.5 is what your looking for!!

Try this link for other info:
<http://www.hfpack.com/>

Should find all your looking for here

73 Jerry N0JRN
----- Original Message -----
From: "Bob cutter" <ki0g@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, April 07, 2003 5:57 PM
Subject: 17M backpack frequency

> What is the suggested 17M SSB backpack frequency?
>
> 72, Bob KI0G
>
> -----
> Do you Yahoo!?
> Yahoo! Tax Center - File online, calculators, forms, and more
> <http://tax.yahoo.com>
>

Date: Tue, 08 Apr 2003 00:44:06 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [148734] Alternative Energy
Message-ID: <3.0.6.32.20030408004406.007be520@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

One idea I've always wanted to try but haven't worked out the mechanics yet is to use trees to generate electricity. You know how trees sway in the wind? Well, how about tying a rope near the top of a tree and have that work a linear generator? Of course, you'd need some kind of spring at the bottom as a return force.

One idea is to make the rope push/pull a hydrolic pump, then have that run a generator. Or maybe a series of magnets in a plastic pipe which move in and out of a series of coils. Got to be some way to make it work. Question is, is it worth the time and effort? Other thing is you need to be in a place with fairly frequent and gusty winds that keep the trees swaying all the time.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 7 Apr 2003 21:39:22 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <hjohnc@core.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148735] Re: Spartan Sprint Tonight!
Message-ID: <008501c2fd88\$d41f5d00\$e90ef4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Thought that for old time sake I'd pull the stock HW-8 out of the closet tonight and work the sprint with it and my newly built Island II Keyer. I've gotten spoiled with all of the superhets over the last couple of years ;-) I forgot how wide the HW-8 RX was, but once I got used to it again it was fun. Was able to work a few folks tonight including Mert W0UFO, AB6UI and W0NA. Don't think it'll win any weight points though ;-) Did hear quite a few stations on. Looking forward to the next one, maybe with the new home brew class E rig I'm working on.

After the sprint I did have a very nice QSO on 40 with Jack W7QQQ in AZ with the HW-8. We had a nice rag chew for almost an hour. Jack was using a HB sweep tube rig and home brew keyer. Sounded FB!

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: John Huffman <hjohnc@core.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, April 07, 2003 3:28 AM
Subject: Spartan Sprint Tonight!

> Tonight is the April Adventure Radio Society Spartan Sprint. Two hours
> starting at 9 pm Eastern, 8 pm Central, 7 pm Mountain, 6 pm Pacific.
>
> Exchange - Report, State (Province), Power as in: 559 MI 5W
>
> Bonus! Special recognition this month if you operate outside or use a
> portable antenna.
>
> Enjoy, and get your logs in by noon Wednesday. Results will be posted
by
> Thursday.
>
> Fill out the Autolog at www.natworld.com/ars/ss_log.html
>
> 73 de NA8M

> John
> Contest Manager
> Adventure Radio Society
>

Date: Tue, 08 Apr 2003 01:32:09 -0500
From: mjfitz@uswest.net
To: qrp-1@Lehigh.EDU
Subject: [148736] FS: Epiphyte III, 40 M Binaural Rcvr
Message-ID: <3E926CE9.AC91F099@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ladies and Gents,

Have the following two rigs for sale...spring shack cleaning...built them both myself. CONUS shipping included with purchase price.

1) NORCAL Epiphyte III 75 M SSB Transceiver.

Built into small LMB enclosure just large enough for PCB...fits just right!

Works FB...output 8 watts PEP LSB. Tunes all of 75 M SSB band plus a bit more on low end...down to about 3700 kHz.

Ten-turn tuning pot with tuning chart card included...it is easy to tune radio to the desired frequency by counting number of turns.

Draws 900 ma. on transmit, 50-100 ma on receive, 12-14 V. Four-pin mike connector.

Great portable, cabin or trail radio.

Complete with original documents and power cord. \$100 radio only, \$120 with nice little electret mike with coiled cord and connector, ready to go.

2) KANGA 40 M Binaural DC Receiver.

KK7B Kanga kit built into raw Bud minibox, 3" x 4" x 5"...fits FB. Box looks new and unscathed.

Stable reduction-drive cap-tuned VFO...KANGA Universal VFO board.

Interesting 3-D type sound...someone described it as the "cocktail party effect" (obviously someone who drinks a lot...hee hee). As you tune up the band signals seem to travel from one earpiece thru zerobeat, where they

momentarily disappear, and emerge again predominantly in the other earpiece as you continue to tune higher...makes it easier to separate the signals in contrast to a normal flat-sounding mono-dimensional DC receiver.

VFO has extra output for easily adding a transmitter board if you want to turn radio into transceiver.

Only mod is two 1 uF caps across audio output at phone jack to reduce band hiss...easily removed if desired.

12 volt operation.

Comes with full original documents and power cord. \$100

Mike Fitzgibbon N0MF
Missouri Valley IA

Date: Tue, 08 Apr 2003 06:45:46 -0100
From: Bill Meara <n2cqr@clix.pt>
To: mgoins@usa.net
Cc: qrp-1@lehigh.edu
Subject: [148737] Re: Small VW solar panel
Message-ID: <1.5.4.32.20030408074546.0118d81c@pop.clix.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:18 PM 4/7/03 -0500, you wrote:

>I ran across a VW solar panel emant for the new VWs. It has a Max Power of 3.2
>W, a Max Voltage of 18.8 V, and a Max Current of 170 mA.
>Anyone using one of these portable or fixed to power a rig?
>mike
>wb5yjx

Following up on a tip recevied via the list, I went to e-bay and quickly picked up two of these VW panels. They arrived yesterday. I've been meaning to go solar for a long time, and I was kind of intrigued by the possibility of doing so with these cast away panels.

They seem to be put together very well.

I'm new to solar power and have some questions:

Initial tests with both panels laying on the workbench with one 60 watt bulb shining on them reveals a significant difference in the voltage they produce: one yields 10 volts, the other 13 volts. Is this kind of variation normal in solar panels? Or is one of them seriously defective? If it is broken, is there anything that can be done to fix it?

These things are obviously designed to be stuck on the inside of your car window. That could be very useful for our applications, but I'm wondering about how much weather proofing will be required in order to be able to leave these panels out in the elements.

What will the moto for those using these panels be? "Their ugly, but they get you there?" "Bug juice?"

73 de Bill CU2JL N2CQR

Sao Miguel Island, Azores, Portugal

900 miles West of Lisbon 37.7N 25.67W

<http://planeta.clix.pt/n2cqr>

Date: Tue, 08 Apr 2003 06:51:43 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [148738] WTB: Norcal 49er
Message-ID: <OE27NqJmDtDRiWC22j20001666c@hotmail.com>

Wanted: Norcal 49er, built or unbuilt. Please let me know if you have one that is surplus to your needs.

Alan, N3BJ

Date: Tue, 8 Apr 2003 02:28:21 -0500
From: Edgar R Guillot <n5ed@juno.com>
To: Brad.Thompson@valley.net
Cc: qrp-l@Lehigh.EDU
Subject: [148739] Re: Components FS
Message-ID: <20030408.022822.1972.1.N5ED@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pse email FS list. Ed

On Mon, 07 Apr 2003 16:43:33 -0400 Brad Thompson
<Brad.Thompson@valley.net> writes:

> Hello--

>

> I'm offering assorted NOS components to builders, including MMICs

> and other

> semiconductors, 15-pole 455 KHz ceramic filters, SMT RF chokes, and
> much more,
> with no minimum- (or maximum) order limit. You can purchase via
> credit card,
> check, or money order, and postage is reasonable (except on heavy
> items, alas).
>
> Please e-mail me for a copy of my current FS list.
>
> Thanks, and 73--
> Brad AA1IP
>
> Brad Thompson, Bookseller
> P.O. Box 307
> 202 Whitaker Rd.
> Meriden, NH 03770-0307
> Voice: (603) 469-3351
> Fax: on request
> E-mail: brad.thompson@valley.net
>
>
>

N5Ed Guillot
Cajun Country
near New Orleans
SOC #535, QRP-L #1951
ARRL Life Mem.

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Tue, 08 Apr 2003 06:02:58 -0500
From: "Thor, N9IK" <n9ik@thorlind.com>
To: qrp-l@Lehigh.EDU
Subject: [148740] OT: Old Call Book?
Message-ID: <5.2.1.1.0.20030408054425.00a1c790@mail.thorlind.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Way OT!

Does anyone have a copy of the US Call Book for no later than 1992? I'm

trying to get information on the date when KB9GKR (novice) license was issued (my first call - I forgot when issued and can't find the original license). I think it was the end of 1992 when I upgraded to General as N9RPD; the call sign databases that I can find do not go that far back.

Thank you!

- Thor, N9IK

Date: Tue, 8 Apr 2003 07:03:23 -0400
From: kwise@gdls.com
To: qrp-1@Lehigh.EDU
Subject: [148741] Michigan QRP Net
Message-ID: <0F87515A5F.E495096B-0N85256D02.003CA4E0@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

The Michigan QRP Net had another great turn out last week. We had eleven check-ins from five states. Conditions were fair with less QRN than the last two nets.

	S	R	
K8CV	599		ROYAL OAK MI WALT
WA8BXN	599	589	CLEVELAND OH MIKE
W8IQB	599	589	BRISTOL MI LOWELL
N8UN/8	579	589	EAST JORDAN MI ED
N8KBG	599	599	BRIDGMAN MI RON
AA8IV	559	449	FINDLAY OH RICH
WA8REI	559	579	FREELAND MI KEN
WS3K	559	559	LEWISTOWN PA DON
KB9YIG	589	569	SPRINGPORT IN TONY
W8BHK	599	589	LUDINGTON MI BUD
NN0F	559	559	IA JOHN

The Michigan QRP net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz. Always 9:00 PM whether EST or EDT. All hams are welcome.

Ed AB8DF Waterford, MI

Date: Tue, 8 Apr 2003 10:53:04 +0100
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: lmairs@direcway.com

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [148742] Re: Wish I'd listened (long)
Message-ID: <19te00CAwpk+Ew2h@pickmere.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

In message <099c01c2fd6e\$9608bc60\$3b6d020a@boomer>, Lee Mairs
<lmairs@direcway.com> writes
>The difference between me and your friend is "canal boat". He runs the
>engine most of the time and is able to get a good charge on his battery bank
>to sustain the DC refrigeration over night. Sail boaters and folks living
>off the grid don't have the requirement to run an engine and therefore get
>some "free" charging as a joint product of moving down the river.

Well, not quite. They moor up for a few days and switch the fridge to
gas because they don't want the diesel thudding away. When they travel
they switch to 12v operation.

Mike
--
M.J.Powell

Date: Tue, 08 Apr 2003 08:03:24 -0400
From: Jake Brodsky <frussle@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148743] Re: CCR Bill (HR 1478) Introduced Into Congress
Message-ID: <m9e59vg894jsa94pm8l7iou73r9et8u9b2@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Mon, 07 Apr 2003 18:44:25 -0400, Jim, W4BQP wrote:

>However, I believe that a letter that you compose will carry more weight=
=20
>than simply forwarding a form letter. Use the form letter as a=20
>template, but paraphrase it and change things to personalize it. I=20
>never even looked at the form letter. I just said in my own words how=20
>CC&Rs are affecting me and my ability to conduct emergency operation,

As one who has written letters about various issues to my congress
critters, allow me to make some suggestions: =20

1) Call them.

2) Fax them.

3) FedEx them.

Do NOT use snail mail. It is badly snarled because of the measures they're taking against anthrax. E-mail works, but it's also ignored for the most part. =20

Some folks I know put their money where their mouth is. They write a letter and then deliver it using Federal Express. Somehow, it gets through the Anthrax screening faster. =20

And telephone calls are also tallied. Don't overlook those. =20

The bottom line is the more personal your communication, the more they'll pay attention...

72,

Jake Brodsky, <mailto:frussle@erols.com>
PP ASEL IA, Cessna Cardinal N30946, Based @ FME
Amateur Radio Station AB3A

Date: Tue, 8 Apr 2003 08:59:10 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: <n9ik@thorlind.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148744] Re: Old Call Book?
Message-ID: <00cd01c2fdce\$a6ba1b20\$6501a8c0@Brummer.cable.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thor,

Take a look at the "Unique Call Lookup" on the N4MC website,
<http://www.vanityhq.com/>

KB9GKR is listed as far back as 1991 (with no specific dates).
Your upgrade to General, and callsign change to N9RPD was effective
12/22/92.

Hope this helps a bit.

73

Dick K2JQ

----- Original Message -----

From: "Thor, N9IK" <n9ik@thorlind.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Sent: Tuesday, April 08, 2003 7:02 AM

Subject: OT: Old Call Book?

> Way OT!

>

> Does anyone have a copy of the US Call Book for no later than 1992? I'm
> trying to get information on the date when KB9GKR (novice) license was
> issued (my first call - I forgot when issued and can't find the original
> license). I think it was the end of 1992 when I upgraded to General as
> N9RPD; the call sign databases that I can find do not go that far back.

>

> Thank you!

>

> - Thor, N9IK

>

Date: Tue, 8 Apr 2003 09:29:12 -0400

From: Steve.Lawrence@ITWFEG.COM

To: kd1jv@moose.ncia.net

Cc: qrp-1@Lehigh.EDU

Subject: [148745] Re: Alternative Energy

Message-ID: <0F7DC83BC6.B618B9F4-0N85256D02.0048D0DC-85256D02.004A15F8@itwfeg.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Steven,

Interesting thought. Somewhere I've seen a flashlight with a built-in "generator" -- essentially a coil (or maybe a magnet) that moves when you give the flashlight a vigorous shake back and forth. A minute of shaking generates enough electricity to charge a battery and run the light:

<http://www.sharperimage.com/us/en/catalog/productview.jhtml?pid=41086400>

Then there's the thought of doing QRP with a rig powered by one of the wind-up generators from the BayGen/Freeplay folks.

<http://www.freeplay.net/website/product/freecharge.php>

Steve

aa8af

Steven Weber <kd1jv@moose.ncia.net>

Sent by: owner-qrp-1@Lehigh.EDU

04/08/2003 12:44 AM

Please respond to kd1jv

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

cc:

Subject: Altturnative Energy

One idea I've always wanted to try but haven't worked out the mechanics yet is to use trees to generate electricity. You know how trees sway in the wind? Well, how about tying a rope near the top of a tree and have that work a linear generator? Of course, you'd need some kind of spring at the bottom as a return force.

One idea is to make the rope push/pull a hydrolic pump, then have that run a generator. Or maybe a series of magnets in a plastic pipe which move in and out of a series of coils. Got to be some way to make it work. Question is, is it worth the time and effort? Other thing is you need to be in a place with fairly frequent and gusty winds that keep the trees swaying all the time.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Tue, 8 Apr 2003 10:00:30 -0400

From: "Lee Mairs" <lmairs@direcway.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [148746] Re: Altturnative Energy

Message-ID: <0aa201c2fdd7\$3a2d2bb0\$3b6d020a@boomer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I think you could homebrew a few wind generators out of DC motors a lot easier than implement any of the tree generation alternatives. I've seen some guys actually carve the propeller for their wind generator.

73 de Lee

KM4YY/8

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, April 08, 2003 12:44 AM

Subject: Altturnative Energy

> One idea I've always wanted to try but haven't worked out the mechanics yet

> is to use trees to generate electricity. You know how trees sway in the
> wind? Well, how about tying a rope near the top of a tree and have that
> work a linear generator? Of course, you'd need some kind of spring at the
> bottom as a return force.

>

> One idea is to make the rope push/pull a hydrolic pump, then have that run
> a generator. Or maybe a series of magnets in a plastic pipe which move in
> and out of a series of coils. Got to be some way to make it work. Question
> is, is it worth the time and effort? Other thing is you need to be in a
> place with fairly frequent and gusty winds that keep the trees swaying all
> the time.

>

>

> 72,

> Steve, KD1JV

> "Melt Solder"

> White Mountains of New Hampshire

> <http://www.qsl.net/kd1jv/>

>

Date: Tue, 8 Apr 2003 07:50:49 -0700 (PDT)

From: Ji m <ku4qw@yahoo.com>

To: qrp-L <qrp-l@Lehigh.EDU>

Subject: [148747] Ten-Tec Argo V

Message-ID: <20030408145049.49081.qmail@web13902.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

This may be a dumb question, but here I go...

Does the New Ten-Tec Argo V use a PT0, or is that just like some kind of VR that changes votage to the computer to change freq?

Owners of this radio what are your thoughts? I currently have a FT-100, and FT-817, I have been thinking about selling them both off to get one of these Radios, Any grips, problems, ect...?

Thanks
Jim -- KU4QW

Do you Yahoo!?
Yahoo! Tax Center - File online, calculators, forms, and more
<http://tax.yahoo.com>

Date: Tue, 8 Apr 2003 11:03:17 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [148748] Re: equip for sale
Message-ID: <20030408110028.F51733-1000000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 6 Apr 2003, Mike Yetsko wrote:

> I've been out of work since Jan 2 of LAST year.

Sigh...after being out of work for several years I finally landed two part time teaching jobs...pay was good, no benefits, etc.

But then enrollment fell off....dropped down to one pt job...and this morning got laid off.

> I'm just glad I got the K2 when I did!

Yea...and I was gonna do a lot of upgrades and the amplifier.

>

> Good Luck! Hopefully the bottom is right around the corner!

With my luck, when it opens up, I'll drop right through.

Thom

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and DrakeList
http://www.tlchost.net	Web Hosting as low as \$3.49/month

Date: Tue, 8 Apr 2003 10:20:46 -0500
From: "W8TIF - Karl" <kkanalz@gceecisp.com>
To: <Steve.Lawrence@ITWFEG.COM>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148749] Re: Alternative Energy
Message-ID: <037601c2fde2\$6eafdad0\$6f1a0ed0@HamShack>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The "C. Crane Company" has (offers) the same sort of "shake-it-up"
flashlight....

Karl K - W8TIF
McKinney, Texas
,

----- Original Message -----
From: <Steve.Lawrence@ITWFEG.COM>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, April 08, 2003 8:29 AM
Subject: Re: Alternative Energy

> Steven,
> Interesting thought. Somewhere I've seen a flashlight with a built-in
> "generator" -- essentially a coil (or maybe a magnet) that moves when you
> give the flashlight a vigorous shake back and forth. A minute of shaking
> generates enough electricity to charge a battery and run the light:
>
> <http://www.sharperimage.com/us/en/catalog/productview.jhtml?pid=41086400>
>

> Then there's the thought of doing QRP with a rig powered by one of the
> wind-up generators from the BayGen/Freeplay folks.
>
> <http://www.freeplay.net/website/product/freecharge.php>
>
> Steve
> aa8af
>
>
>
>
>
> Steven Weber <kd1jv@moose.ncia.net>
> Sent by: owner-qrp-l@Lehigh.EDU
> 04/08/2003 12:44 AM
> Please respond to kd1jv
>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> cc:
> Subject: Alturnative Energy
>
>
> One idea I've always wanted to try but haven't worked out the mechanics
> yet
> is to use trees to generate electricity. You know how trees sway in the
> wind? Well, how about tying a rope near the top of a tree and have that
> work a linear generator? Of course, you'd need some kind of spring at the
> bottom as a return force.
>
> One idea is to make the rope push/pull a hydrolic pump, then have that run
> a generator. Or maybe a series of magnets in a plastic pipe which move in
> and out of a series of coils. Got to be some way to make it work. Question
> is, is it worth the time and effort? Other thing is you need to be in a
> place with fairly frequent and gusty winds that keep the trees swaying all
> the time.
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>
>
>
>
>

Date: Tue, 08 Apr 2003 11:39:06 -0400
From: W2AGN <w2agn@w2agn.net>
To: qrp-1@lehigh.edu
Subject: [148750] Lobstercon 2003?
Message-ID: <3E92B4DA.11110.37C5E1@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Having seen some pictures from Lobstercon 2002, I am seriously considering making it up to Lobstercon 2003, if there is to be one. I don't see anything on the NEQRP page. Is it still in the works? I've got a tent, sleeping bag and lobster bib ready to go!

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Tue, 08 Apr 2003 11:47:35 -0400
From: Jerry Lofstead <w3cde@bellsouth.net>
To: Steve.Lawrence@ITWFEG.COM
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148751] Re: Alternative Energy
Message-ID: <3E92EF17.1B0504F6@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FYI...

In the event you guys and gals did not know, Sharper image has an auction, usually weekly, where they sell the returns. Usually you can get a good buy. Their normal prices are a lil rich for me.. 8-)

Jerry
W3CDE

Steve.Lawrence@ITWFEG.COM wrote:

>

> Steven,
> Interesting thought. Somewhere I've seen a flashlight with a built-in
> "generator" -- essentially a coil (or maybe a magnet) that moves when you
> give the flashlight a vigorous shake back and forth. A minute of shaking
> generates enough electricity to charge a battery and run the light:
>
> <http://www.sharperimage.com/us/en/catalog/productview.jhtml?pid=41086400>
>
> Then there's the thought of doing QRP with a rig powered by one of the
> wind-up generators from the BayGen/Freeplay folks.
>
> <http://www.freeplay.net/website/product/freecharge.php>
>
> Steve
> aa8af
>
> Steven Weber <kd1jv@moose.ncia.net>
> Sent by: owner-qrp-l@Lehigh.EDU
> 04/08/2003 12:44 AM
> Please respond to kd1jv
>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> cc:
> Subject: Alternatative Energy
>
> One idea I've always wanted to try but haven't worked out the mechanics
> yet
> is to use trees to generate electricity. You know how trees sway in the
> wind? Well, how about tying a rope near the top of a tree and have that
> work a linear generator? Of course, you'd need some kind of spring at the
> bottom as a return force.
>
> One idea is to make the rope push/pull a hydrolic pump, then have that run
> a generator. Or maybe a series of magnets in a plastic pipe which move in
> and out of a series of coils. Got to be some way to make it work. Question
> is, is it worth the time and effort? Other thing is you need to be in a
> place with fairly frequent and gusty winds that keep the trees swaying all
> the time.
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

Date: Tue, 08 Apr 2003 10:58:18 -0500
From: mjfitz@uswest.net
To: qrp-1@Lehigh.EDU
Subject: [148752] Re: FS: Epiphyte III, 40 M Binaural Rcvr
Message-ID: <3E92F19A.34762E9@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Binaural Rcvr is sold. Thanks for your interest. MF

Date: Tue, 8 Apr 2003 12:27:08 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [148753] Small satellite computer
Message-ID: <Pine.LNX.4.44.0304081216390.2144-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

New Mexico State University and the Air Force are going to launch a satellite into orbit having a Kodak digital camera taking pictures, an APRS HT will be sending out it's gps position and telemetry data for any Ham who wants to watch it pass over head.

I am helping get the computer working properly. It is a tiny 88486 CPU with just a few ports and a 32 meg flash memory is all it has period! The operating system is Linux Red Hat version 7.2 with a 2.4.19 kernel. It turns out you win when you put everything you need into the kernel and use no modules.

I bought a Garmin GEKO 201 GPS unit which is simply a great one. It's equiped to use WASS accuracy data and 2 or more can be used in a differencial GPS configuration and get accuracy of 2 inches.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 08 Apr 2003 12:32:51 -0400
From: "Ron Pfeiffer" <n1zsw@hotmail.com>

To: qrp-1@lehigh.edu
Subject: [148754] RETURN of NEQRP SSB NET TONITE TUESDAY 7:30PMEDST 7.280Mhz
+-5Khz
Message-ID: <F122txYTWoyiPiJWbBx000335e0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The subject says it all. Please join me for hopefully the return
of the New England SSB QRP Net. I look forward to hearing from
past checkins who I've already forgotten hi hi.

Net control: Ron N1ZSW from Worcester, MA using FT-817 and

yes my ATTIC WINDOM!.

Ron

Tired of spam? Get advanced junk mail protection with MSN 8.
<http://join.msn.com/?page=features/junkmail>

Date: Tue, 8 Apr 2003 10:43:29 -0600 (MDT)
From: Brian Milesosky <n5zgt@swcp.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148755] Re: Small satellite computer
Message-ID: <Pine.GS0.4.10.10304081042240.3279-1000000@yagi.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Karl et al,

QRP waaaaay up in the sky! I bet the APRS community would be delighted to
hear about this venture -- consider joining and posting it to the TAPR
APRS SIG too.

72,
Brian, N5ZGT

On Tue, 8 Apr 2003, Karl F. Larsen wrote:

>
> New Mexico State University and the Air Force are going to
> launch a satellite into orbit having a Kodak digital camera taking
> pictures, an APRS HT will be sending out it's gps position and telemetry
> data for any Ham who wants to watch it pass over head.
>
> I am helping get the computer working properly. It is a tiny
> 88486 CPU with just a few ports and a 32 meg flash memory is all it has
> period! The operating system is Linux Red Hat version 7.2 with a 2.4.19
> kernel. It turns out you win when you put everything you need into the
> kernel and use no modules.
>
> I bought a Garmin GEKO 201 GPS unit which is simply a great one.
> It's equiped to use WASS accuracy data and 2 or more can be used in a
> differencial GPS configuration and get accuracy of 2 inches.
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>
>

Amateur Radio Station N5ZGT - N5ZGT PBBS, 145.01 MHz
ARRL Life Member, NorCal #1700, QRP-L #580, AK/QRP #125
Boy Scouts of America - Eagle Scout - ASM Troop 409
Vigil Honor Member, O.A. Lodge 66 Yah-Tah-Hey-Si-Kess

Date: Tue, 8 Apr 2003 13:02:28 -0400
From: "KB9BVN" <brian@iquest.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148756] Re: Small satellite computer
Message-ID: <001e01c2fdf0\$a3200c00\$4505020a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Keep in mind...GPS is only as good as the information it gets.

'nuff said

I still carry a topo map and compass, even when GPS equipped.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, April 08, 2003 2:27 PM
Subject: Small satellite computer

>
> New Mexico State University and the Air Force are going to
> launch a satellite into orbit having a Kodak digital camera taking
> pictures, an APRS HT will be sending out it's gps position and telemetry
> data for any Ham who wants to watch it pass over head.
>
> I am helping get the computer working properly. It is a tiny
> 88486 CPU with just a few ports and a 32 meg flash memory is all it has
> period! The operating system is Linux Red Hat version 7.2 with a 2.4.19
> kernel. It turns out you win when you put everything you need into the
> kernel and use no modules.
>
> I bought a Garmin GEKO 201 GPS unit which is simply a great one.
> It's equiped to use WASS accuracy data and 2 or more can be used in a
> differencial GPS configuration and get accuracy of 2 inches.
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>
>

Date: Tue, 08 Apr 2003 13:16:16 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [148757] Re: Small satellite computer
Message-ID: <3E9303E0.E0ADB546@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

KB9BVN wrote:

>
> Keep in mind...GPS is only as good as the information it gets.
>
> 'nuff said
>
> I still carry a topo map and compass, even when GPS equipped.

I usually go by the road signs. :)

73,
--Alex KR1ST

Date: Tue, 08 Apr 2003 13:25:08 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [148758] Re: Small satellite computer
Message-ID: <5.1.1.6.1.20030408132205.00a74130@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Karl,

Please let us know the launch date, frequency(ies), and telemetry format.

Is the gear suitable for the space environment? I know Kodak makes space-qualified imaging equipment, but not at consumer prices. And I don't think astronauts use HTs.

Dave

At 12:27 PM 4/8/2003 -0600, you wrote:

> New Mexico State University and the Air Force are going to
> launch a satellite into orbit having a Kodak digital camera taking
> pictures, an APRS HT will be sending out it's gps position and telemetry
> data for any Ham who wants to watch it pass over head.
>
> I am helping get the computer working properly. It is a tiny
> 88486 CPU with just a few ports and a 32 meg flash memory is all it has
> period! The operating system is Linux Red Hat version 7.2 with a 2.4.19
> kernel. It turns out you win when you put everything you need into the

>kernel and use no modules.

>

> I bought a Garmin GEK0 201 GPS unit which is simply a great one.

>It's equiped to use WASS accuracy data and 2 or more can be used in a

>differencial GPS configuration and get accuracy of 2 inches.

>

>--

>

> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Dave Hinerman

WD8CIV@worldnet.att.net

Date: 08 Apr 2003 14:09:52 -0500

From: Rob Matherly <w0jrm@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [148759] Re: Wish I'd listened (long)

Message-ID: <1049828999.19298.77.camel@localhost.localdomain>

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Mime-Version: 1.0

On Mon, 2003-04-07 at 11:03, Mike Yetsko wrote:

> > 3) Do they still make gas refrigerators? (Grin)

>

> Yes, but they can be hard to find.

Eh, not that hard :^)

[http://www.lehmans.com/jump.jsp?](http://www.lehmans.com/jump.jsp?itemType=CATEGORY&itemID=816&iMainCat=676&iSubCat=816&i1Cat=676&i2Cat=810&i3Cat=816&i4Cat=0)

[itemType=CATEGORY&itemID=816&iMainCat=676&iSubCat=816&i1Cat=676&i2Cat=810&i3Cat=816&i4Cat=0](http://www.lehmans.com/jump.jsp?itemType=CATEGORY&itemID=816&iMainCat=676&iSubCat=816&i1Cat=676&i2Cat=810&i3Cat=816&i4Cat=0)

72/73/oo

Rob, w0jrm

Date: Tue, 8 Apr 2003 15:38:37 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [148760] Re: Small satellite computer

Message-ID: <003201c2fe06\$762cc6a0\$0200a8c0@charter.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wonder if anyone has thought to check the GPS for capabilities.

Some units have speed limits. Or altitude limits. Or even both....

Mike

Date: Tue, 08 Apr 2003 14:39:28 -0500
From: mjfitz@uswest.net
To: qrp-l@Lehigh.EDU
Subject: [148761] RE: FS-- Epiphyte III, Binaural Rcvr, Both SOLD!
Message-ID: <3E932570.AB2D922@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Both rigs now spoken for...thanks for the interest. MF

Date: Tue, 08 Apr 2003 19:41:32 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [148762] Surface Mount Pickings
Message-ID: <F45ApFZEoKz4r02V5xm00001fa9@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I picked up a few different odd ends of surface mount tapes this past weekend at the swapmeet that seem to be fortuitous little finds. The bags were not marked except for things like "FETs" and "SOT-23" (this one wasn't even correct as the package was actually SOT-143) but I thought "what the heck".

Apparently, what I got were 2N7002 MOSFETs, HSMS-2825 dual schottky diodes and PZT222A (a bodacious 2N2222A in a surface mount package). Also, there were aoms 100 ohm, 500 ohm and 5K surface mount Bourns cermet trimmers (1-turn, 11 turn and 5 turn, in that order).

All this stuff looks like it might have some RF application. Since I've been tinkering with the ferrite cores and because the EMRFD sez that a simple impedance bridge can be built, possibly using a cermet trimmer, what do you guys know about running RF through these little Bourns trimmers? (am thinking of the 100 ohm one, particularly)

Oh, yeah, that lot also included a bunch of 2N4351 MOSFETs that don't strike me as particularly impressive in specs. Ideas for apps, anyone?

One of the other interesting finds were some nice aluminum cased picoammeter units (screwed panels top and bottom, not many holes, gold plated RF fittings in and out). Heck, at \$0.50 each, I bought several for the cases alone. Innards contain two OPA128LM, OP177GP, OP270GP and some Siliconix (?) transistors which read only "F9512AH" plus some other high quality junk, no doubt. Box sez "KLA Instruments Corp." and board sez "Metalogix, Inc.".

Sometimes it is worth worrying about deciphering things AFTER you buy them.

Brad

Add photos to your messages with MSN 8. Get 2 months FREE*.
<http://join.msn.com/?page=features/featuredemail>

Date: Tue, 08 Apr 2003 16:35:40 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-l@Lehigh.EDU
Subject: [148763] Re: Lost QRP-L distance calculator link?
Message-ID: <3E93329C.6F7993FE@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try this:
<http://www.qsl.net/kc6uut/>
or this:
<http://www.qsl.net/n9ssa/mpwcalc.html>

Date: Tue, 08 Apr 2003 13:37:58 -0700
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu

Subject: [148764] Re: Small satellite computer
Message-ID: <F702PvfIPlmPi20tKDE00008200@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Re: Small satellite computer
From: Mike Yetsko (myetsko@insydesw.com)
Date: Tue Apr 08 2003 - 15:38:37 EDT
Mike Yetsko wrote:

>I wonder if anyone has thought to check the GPS for capabilities.
>
>Some units have speed limits. Or altitude limits. Or even both....

This is a standard part of the qualification for such a unit.
Obviously, any satellite application will run into both
speed and altitude limits within seconds of launch.

The options are generally either to buy/beg/borrow/steal
an aerospace-grade receiver without such limits (they
exist), or to roll your own.

There are already APRS repeater satellites in orbit. It
can be very interesting to leave an APRS system running
while they go over.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89lg pied a terre..."
ICBM: 49 16.57 N 123 0.24 W - Hospital/Shafte

Help STOP SPAM with the new MSN 8 and get 2 months FREE★
<http://join.msn.com/?page=features/junkmail>

Date: Tue, 8 Apr 2003 16:58:20 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@lehigh.edu>
Subject: [148765] Old Sams Photo Facts
Message-ID: <001201c2fe11\$99616030\$90605cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Anyone interested in some old Sams Photo Facts from the 50's & 60's??

If so, e-mail me direct.

72 & Good DX
Ron de WB3AAL
wb3aal@fast.net
www.n3epa.org

End of QRP-L Digest 2884

